

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		S219 and S220 and @<="1999"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/11/15 09:21
		((607/56 -57).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/11/15 09:19
		((381/151).ccls.)and<=1999).CCLS.	USPAT; USOCR	OR	OFF	2006/05/16 10:27
		((waveform adj generator)	USPAT; EPO	OR	OFF	2004/06/25 11:27
		((381/70)".ccls") and ((waveform adj generator) and (transducer or motor)) and armature)	USPAT; EPO	OR	OFF	2004/06/15 14:39
		((linear adj (transducer)) and ("381"/\$)".ccls")	USPAT; EPO	OR	OFF	2004/06/14 16:02
		((waveform ) and (linear adj (transducer )) and ((381/70)".ccls")	USPAT; EPO	OR	OFF	2006/05/17 12:20
L1	90	(low adj pass adj filter ) and larynx	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/11/15 11:32
L2	61	(low adj pass adj filter ) and larynx and @ay<="1999"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/11/15 11:32
L3	75	(linear adj transducer ) and (linear adj function)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/15 11:52
L4	140	((84/375).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/15 11:53
L5	0	3 and 4 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/15 11:53
L6	57940	("84"/\$).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/15 11:53

## EAST Search History

L7	0	3 and 6 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/15 11:53
L8	1323	((128/207.14).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/15 11:53
L9	0	3 and 8 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/15 11:53
S1	0	("(electro-larynx)or(electroadjlarynx)".PN.)	USPAT; USOCR; EPO	OR	OFF	2004/06/14 11:03
S2	11	(electro-larynx) or (electro adj larynx)	USPAT; EPO	OR	OFF	2006/05/16 13:18
S3	4454	waveform adj generator	USPAT; EPO	OR	OFF	2004/06/14 11:07
S4	6	(waveform adj generator) same (linear adj (transducer or function))	USPAT; EPO	OR	OFF	2004/06/14 13:32
S5	151	(waveform adj generator) and (linear adj (transducer or function))	USPAT; EPO	OR	OFF	2004/06/24 15:19
S6	5	((waveform adj generator) and (linear adj (transducer or function))) and (("381"/\$).ccls")	USPAT; EPO	OR	OFF	2004/06/15 14:29
S7	0	((waveform adj generator) and (linear adj (transducer or function))) and ((381/70)".ccls")	USPAT; EPO	OR	OFF	2004/06/25 11:27
S8	0	((waveform ) and (linear adj transducer )) and ((381/70)".ccls")	USPAT; EPO	OR	OFF	2005/01/31 14:36
S9	1	((waveform) and (linear adj (transducer or function))) and ((381/70)".ccls")	USPAT; EPO	OR	OFF	2004/06/14 11:21
S10	0	((waveform) and (linear adj (transducer or function))) and ((623/9)".ccls")	USPAT; EPO	OR	OFF	2004/06/14 11:22
S11	3	((waveform) and (linear adj (transducer or function))) and ((623"/\$)".ccls")	USPAT; EPO	OR	OFF	2004/06/14 11:22
S12	0	(waveform adj generator) and (linear adj (transducer or function)) and larynx	USPAT; EPO	OR	OFF	2004/06/14 13:31
S13	1	(waveform adj generator) same (linear adj (transducer or function))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/14 13:33

## EAST Search History

S29	0	"4612664".pn. and linear	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/14 13:38
S30	0	"5278943".pn. and linear	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/14 13:39
S31	0	"4039756".pn. and linear	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/14 13:39
S32	0	"5812681".pn. and linear	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/14 13:39
S33	0	"5326349".pn. and linear	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/14 13:44
S34	0	"5523745".pn. and linear	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/14 13:44
S35	0	(waveform adj generator) and (linear adj (transducer or function)) and throat	USPAT; EPO	OR	OFF	2004/06/14 14:02
S36	15538	(linear adj (transducer or function))	USPAT; EPO	OR	OFF	2004/06/14 14:21
S37	13	(linear adj (transducer or function)) and larynx	USPAT; EPO	OR	OFF	2004/06/24 15:34
S38	128	(linear adj (transducer or function)) and throat	USPAT; EPO	OR	OFF	2004/06/14 15:53
S39	0	(linear adj (transducer or function)) and larynx	USOCR	OR	OFF	2004/06/14 14:18
S40	0	(linear adj (transducer or function)) and larynx	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/14 14:18
S41	1	(linear adj (transducer or function)) and throat	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/14 14:19
S42	984	(linear adj transducer )	USPAT; EPO	OR	OFF	2004/06/14 14:21
S43	0	(linear adj transducer ) and larynx	USPAT; EPO	OR	OFF	2006/11/15 11:31
S44	12	(linear adj transducer ) and throat	USPAT; EPO	OR	OFF	2004/06/14 14:23
S45	0	(linear adj transducer ) and ((381/70)".ccls")	USPAT; EPO	OR	OFF	2006/11/15 09:13
S46	8	((381"/\$)".ccls")	USPAT; EPO	OR	OFF	2004/06/14 15:33

## EAST Search History

S82	5	("4308428") or ("4308422") or ("4064778") or ("3749837") or ("3629484").PN.	USPAT; USOCR; EPO	OR	OFF	2004/06/21 09:29
S83	0	(waveform adj generator) and (linear adj (transducer or function)) and larynx	USPAT; EPO	OR	OFF	2004/06/24 15:21
S84	5	(waveform adj generator) and (linear adj (transducer or function)) and armature	USPAT; EPO	OR	OFF	2004/06/24 15:24
S85	0	(waveform adj generator) and (linear adj (transducer or function)) and armature	JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/24 15:24
S86	0	(linear adj (transducer or function)) and larynx	JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/24 15:34
S87	0	(linear adj (transducer )) and larynx	JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/24 15:34
S88	217	(linear adj (transducer ))	JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/24 15:35
S89	0	(linear adj (transducer )) with armature	JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/24 15:36
S90	0	(linear adj (transducer )) with larynx	JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 14:54
S91	0	(linear adj (transducer )) with piezo	JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/24 15:37
S92	16	(linear with (transducer )) with piezo	JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/24 15:43
S93	51	(linear with (transducer )) with piezo	USPAT; EPO	OR	OFF	2004/06/24 15:43
S94	46041	armature	USPAT; EPO	OR	OFF	2004/06/24 16:02
S95	79	armature same piezo	USPAT; EPO	OR	OFF	2004/06/24 16:03
S96	3	(armature same piezo) with linear	USPAT; EPO	OR	OFF	2004/06/24 16:03
S97	9	"4326275"	USPAT; EPO	OR	OFF	2004/06/25 10:21
S98	128531	(waveform or (sound adj wave\$1) adj generator)	USPAT; EPO	OR	OFF	2004/06/25 11:28

## EAST Search History

S20 0	0	((607/56-57).clss.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/16 14:18
S20 1	1	((607/56-57)".clss")	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/16 14:20
S20 2	352	((607/56-57).ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/16 14:20
S20 3	0	S199 and S201 and @ay<="1999"	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/16 14:21
S20 4	40	S199 and S202 and @ay<="1999"	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/16 14:30
S20 5	1059	((381/380 or 381/396).ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/16 14:52
S20 6	32	S199 and S205 and @ay<="1999"	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/16 14:32
S20 7	70	((381/70).ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/16 14:35
S20 8	4	S199 and S207 and @ay<="1999"	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/16 14:35
S20 9	420	((381/151).ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/16 14:35
S21 0	14	S199 and S209 and @ay<="1999"	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/16 14:35
S21 1	597	((381/396).ccls.)	USPAT; USOCR	OR	ON	2006/05/16 14:54
S21 2	0	((381/396).ccls.) and larynx	USPAT; USOCR	OR	ON	2006/05/16 14:53
S21 3	130	((381/396).ccls.) and @ay<="1999"	USPAT; USOCR	OR	ON	2006/05/16 14:54
S21 4	1	("5650704").PN.	USPAT; USOCR	OR	OFF	2006/05/17 12:20
S21 5	2370	(linear adj (transducer )) or (linear adj function)	JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 14:55

## EAST Search History

S21 6	29066	(linear adj (transducer )) or (linear adj function)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/11/13 14:55
S21 7	6728	larynx	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/11/13 14:56
S21 8	12	S216 and S217 and @ay<="1999"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/11/13 14:56
S21 9	29087	(linear adj transducer ) or (linear adj function)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/11/15 09:15
S22 0	765	((381/70 or 381/151 or 381/326).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/11/15 09:18
S22 1	1362	((381/380 or 381/396).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/11/15 09:17
S22 2	254	((623/9).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/11/15 09:16
S22 3	433	((704/278 or 704/261).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/11/15 09:19
S22 4	254	((623/9).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/11/15 09:17
S22 5	116	((181/726 or 181/128 or 181/181).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/11/15 09:18
S22 6	385	((607/56-57).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/11/15 09:19
S22 7	1	S219 and S220 and @ay<="1999"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/11/15 09:22

## EAST Search History

S22 8	2	S219 and S221 and @ay<="1999"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/11/15 09:23
S22 9	0	S219 and S222 and @ay<="1999"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/11/15 09:23
S23 0	7	S219 and S223 and @ay<="1999"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/11/15 09:26
S23 1	0	S219 and S224 and @ay<="1999"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/11/15 09:26
S23 2	0	S219 and S225 and @ay<="1999"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/11/15 09:26
S23 3	7	S219 and S226 and @ay<="1999"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/11/15 09:26